AWTA Product Testing

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240. North Melbourne. Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client: **Dotmar Plastics**

25 Loyalty Road **Issue Date** 25/05/2015 North Rocks NSW 2151 **Print Date** 20/07/2015

Clients Ref: "Nuvex Saniboard" **Sample Description**

> Textured plastic panels Colour: Grev

End Use: Toilet & Shower Cubicle dividers

Nominal Composition: High Density Polyethylene with fire retardant additive

Nominal Mass per Unit Area/Density: 0.95g/cm3

Nominal Thickness: 19mm

AS/NZS 1530.3-1999 Methods for Fire Tests on Building Materials, Components and Structures

> Part 3: Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release

Face tested: Face Date tested: 25/05/2015

| | Standard Error | Mean | |
|------------------------|----------------|---------|-------|
| Ignition time | 0.05 | 8.83 | min |
| Flame propagation time | 3.0 | 137.3 | sec |
| Heat release integral | 2.0 | 82.6 | kJ/m² |
| Smoke release, log d | 0.0494 | -1.4202 | |

Optical density, d 0.0392 / metre

Number of specimens ignited: 6 Number of specimens tested: 6

Regulatory Indices:

Ignitability Index Range 0-20 11 Spread of Flame Index Range 0-10 Heat Evolved Index Range 0-10 Smoke Developed Index Range 0-10

4976 29871 Page 1 of 2



Accredited for compliance with ISO/IEC 17025

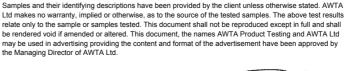
Chemical Testing - Mechanical Testino

Performance & Approvals Testing

Accreditation No 983 Accreditation No. 985 : Accreditation No

Test Number :

15-002309





IAEL A. JACKSON B.Sc.(Hons)

Australian Wool testing Authority Ltd Copyright - All Rights Reserved

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031 P.O Box 240. North Melbourne. Victoria 3051 Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client: **Dotmar Plastics**

25 Loyalty Road

North Rocks NSW 2151

Test Number : 15-002309

Issue Date

Print Date 20/07/2015

25/05/2015

These results only apply to the specimen mounted, as described in this report. The result of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

Each test specimen was clamped in four places.

The specimens melted away from the area of maximum heat and produced flaming droplets during the test. Due to this phenomena it should be recognised that this test result may not be a true indication of the product's fire hazard properties.

The specimens melted and flowed away from the area of maximum heat during the test. Due to this phenomena it should be recognised that this test result may not be a true indication of the product's fire hazard properties.

4976 29871 Page 2 of 2

Australian Wool testing Authority Ltd Copyright - All Rights Reserved



Accredited for compliance with ISO/IEC 17025

Chemical Testing - Mechanical Testino

Performance & Approvals Testing

Accreditation No Accreditation No. : Accreditation No. 983 985



Samples and their identifying descriptions have been provided by the client unless otherwise stated. AWTA Ltd makes no warranty, implied or otherwise, as to the source of the tested samples. The above test results relate only to the sample or samples tested. This document shall not be reproduced except in full and shall be rendered void if amended or altered. This document, the names AWTA Product Testing and AWTA Ltd may be used in advertising providing the content and format of the advertise the Managing Director of AWTA Ltd.

IAEL A. JACKSON B.Sc.(Hons)